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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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HEWLETT-PACKARD COMPANY
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EXAMINER

CHAI, LONGBIT

ART UNIT	PAPER NUMBER
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2131

DATE MAILED: 05/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/784,116

Applicant(s)

SCHMELING ET AL.

Examiner

Longbit Chai

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 March 2005.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13, 15-19 and 21-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-13, 15-19 and 21-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 April 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1 – 20 have been presented for examination. Claims 14 and 20 have been canceled; claims 1, 2, 13, and 19 have been amended and new claims 21 – 35 have been added in an amendment filed 3/25/2005.

Response to Arguments

2. Applicant's arguments filed on 3/25/2005 with respect to the subject matter of the instant existing claims have been fully considered but are not persuasive. For the claim limitations of associated amended claims and new claims, see the same reasons set forth in the following Office action.

3. With respect to new claims, Applicant arguments are moot in view of the new ground(s) of rejection.

Claim Objections

4. Claims 31 and 32 are objected to because of the following informalities: "The invention of Claim 29" should be "The invention of Claim 30". Appropriate correction is required.

Any other claims not addressed are objected by virtue of their dependency should also be corrected.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraph of 35 U.S.C. 102 that forms the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1 – 7, 13, 15 – 19, 21, 28 and 35 are rejected under 35 U.S.C. 102(e) as being anticipated by Rusnak (Patent Number: 6098056), hereinafter referred to as Rusnak.

As per claims 1 and 13, Rusnak teaches a method for sharing a document including the steps of:

using a client machine to access a server via a network and to request data therefrom (Rusnak: see for example, Abstract Line 1 – 4);

verifying a user's authority to submit, access, modify, or view said data (Rusnak: see for example, Column 1 Line 16 – 18, Column 3 Line 42 – 44 and Column 2 Line 62 – 64: Rusnak teaches a trusted information handler controls access to digital content by a client according to an owner's restriction (Rusnak: Column 2 Line 62 – 64). Thereby, the access control right of a given user is managed by the trusted information handler of the system. Besides, Rusnak also discloses the digital content access right is limited per user (Rusnak: Column 1 Line 16 – 18)).

encrypting at least a portion of said data on said server (Rusnak: see for example, Abstract Line 6);

communicating said encrypted data from said server to said client (Rusnak: see for example, Column 5 Line 2 – 3 and Column 5 Line 24 – 27); and

decrypting said data on said client (Rusnak: see for example, Column 5 Line 24 – 27).

As per claims 2 and 18, Rusnak teaches the claimed invention as described above (see claim 1 and 13 respectively). Rusnak further teaches verifying a user's authority further includes the step of verifying a user's identity (Rusnak: see for example, Column 2 Line 62 – 64 and Column 3 Line 29 – 30: Examiner notes to control access to digital content by a client, as taught by Rusnak, must be based on the user / client identity. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993)).

As per claim 3, Rusnak teaches the claimed invention as described above (see claim 2). Rusnak further teaches the step of verifying a user's identity includes the step of authenticating a digital signature (Rusnak: see for example, Column 3 Line 29 – 30).

As per claim 4, Rusnak teaches the claimed invention as described above (see claim 2). Rusnak further teaches the step of verifying a user's identity includes the step

of authenticating a private key (Rusnak: see for example, Column 3 Line 29 – 30: authenticating a digital signature must include authenticating a private key).

As per claim 5, Rusnak teaches the claimed invention as described above (see claim 2). Rusnak as modified teaches the step of verifying a user's identity includes the step of authenticating a public key (Rusnak: see for example, Column 3 Line 29 – 30: authenticating a digital signature must include authenticating a public key).

As per claims 6 and 19, Rusnak teaches the claimed invention as described above (see claims 1 and 13 respectively). Rusnak further teaches customizing data based on a user's access rights (Rusnak: see for example, Column 1 Line 16 – 20, Column 3 Line 42 – 44 and Column 2 Line 62 – 64: Rusnak teaches a trusted information handler controls access to digital content by a client according to an owner's restriction (Rusnak: Column 2 Line 62 – 64). Thereby, the access control right of a given user is managed by the trusted information handler of the system. Besides, Rusnak also discloses the digital content access right is limited per user (Rusnak: Column 1 Line 16 – 18)).

As per claim 7, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak further teaches providing for secure modification of said shared document (Rusnak: see for example, Column 1 Line 16 – 20).

As per claim 15, Rusnak teaches the claimed invention as described above (see claim 13). Rusnak further teaches said first means includes a first applet residing on said server (Rusnak: see for example, Column 5 Line 2 – 3: encrypted digital content).

As per claim 16, Rusnak teaches the claimed invention as described above (see claim 15). Rusnak further teaches said second means includes a second applet residing on said client (Rusnak: see for example, Column 5 Line 24 – 27: encrypted digital content).

As per claim 17, Rusnak teaches the claimed invention as described above (see claim 16). Rusnak further teaches including means for transferring said second applet from said server to said client (Rusnak: see for example, Column 5 Line 2 – 3 and Column 5 Line 24 – 27).

As per claim 21 and 28, Rusnak teaches a document management method including the steps of:

allowing a user to select a view, edit, submit or access option with respect to a folder containing a document (Rusnak: see for example, Column 1 Line 16 – 18, Column 3 Line 42 – 44 and Column 2 Line 62 – 64: Rusnak teaches a trusted information handler controls access to digital content by a client according to an owner's restriction (Rusnak: Column 2 Line 62 – 64). Thereby, the access control right of a given user is managed by the trusted information handler of the system. Besides,

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Rusnak also discloses the digital content access right is limited per user (Rusnak: Column 1 Line 16 – 18));

checking the user's access rights to said folder (Rusnak: see for example, Column 1 Line 16 – 18, Column 3 Line 42 – 44 and Column 2 Line 62 – 64); and providing said document to said user based on said user's access rights (Rusnak: see for example, Column 1 Line 16 – 18, Column 3 Line 42 – 44 and Column 2 Line 62 – 64).

As per claim 35, Rusnak teaches the claimed invention as described above (see claim 28). Rusnak further teaches said access rights are stored in a database (Rusnak: Column 1 Line 16 – 18: any data stored in the memory in an organized manner can be conceived as a database).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A person shall be entitled to a patent unless –

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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6. Claims 8, 11 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rusnak (Patent Number: 6098056), in view of Smithies (Patent Number: US 6091835 B1).

As per claim 8, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak does not disclose expressly verifying a user's identity includes including the step of tracking changes in said document.

Smithies teaches verifying a user's identity includes including the step of tracking changes in said document (Smithies: see for example, Column 24 Line 1 -- 24).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Smithies within the system of Rusnak because Smithies teaches providing a reliable document tracking method (Smithies: see for example, Column 24 Line 1 -- 24).

As per claim 11, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak does not disclose expressly viewing said data on said client.

Smithies teaches viewing said data on said client (Smithies: see for example, Column 42 Line 1 -- 14).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Smithies within the system of Rusnak because Smithies teaches a method to provide a web server that can respond to

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document requests from a web browser and internet is the widely used well-known technology.

As per claim 12, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak as does not disclose expressly viewing said data on said client via a browser.

Smithies teaches viewing said data on said client via a browser (Smithies: see for example, Column 42 Line 1 – 14). Same rationale of combination applies here as above in rejecting the claim 11.

7. Claims 9 – 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rusnak (Patent Number: 6098056), hereinafter referred to as Rusnak,, in view of Haverstock (Patent Number: US 6449640 B1), hereinafter referred to as Haverstock.

As per claim 9, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak does not teach tracking access of said document.

Haverstock teaches tracking access of said document (Haverstock: see for example, Column 7 Line 10 – 13).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Haverstock within the system of Rusnak because (a) Haverstock teaches a method to provide a web server that can respond to document requests from a web browser and internet is the widely used well-known

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technology and (b) Haverstock also discloses the advantages of using automated work flow process through internet web browser (Haverstock: see for example, Column 6 Line 49 – 51 and Column 6 Line 61 – 67).

As per claim 10, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak does not teach tracking submission of documents.

Haverstock teaches tracking submission of documents (Haverstock: see for example, Column 10 Line 10 – 11). Same rationale of combination applies here as above in rejecting the claim 9.

As per claim 11, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak does not teach viewing said data on said client.

Haverstock teaches viewing said data on said client (Haverstock: see for example, Column 2 Line 37 – 44). Same rationale of combination applies here as above in rejecting the claim 9.

As per claim 12, Rusnak teaches the claimed invention as described above (see claim 1). Rusnak does not teach viewing said data on said client via a browser.

Haverstock teaches viewing said data on said client via a browser (Haverstock: see for example, Column 2 Line 37 – 44). Same rationale of combination applies here as above in rejecting the claim 9.

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8. Claims 22 – 27 and 29 – 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rusnak (Patent Number: 6098056), in view of Wang (Patent Number: 6859533).

As per claim 22 and 29, Rusnak teaches the claimed invention as described above (see claim 21 and 28 respectively). Rusnak does disclose expressly providing a session key to said user along with said document.

Wang teaches providing a session key to said user along with said document (Wang: see for example, Column 23 Line 32 – 40).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to combine the teaching of Wang within the system of Rusnak because Wang teaches a more secure and efficient method which is useful in developing such applications as document distribution and long-term file protection (Wang: see for example, Abstract Line 4 – 8).

As per claim 23 and 30, Rusnak teaches the claimed invention as described above (see claim 22 and 29 respectively). Wang further teaches using a user's key to decrypt said session key (Wang: see for example, Column 23 Line 32 – 40).

As per claim 24, and 31, Rusnak teaches the claimed invention as described above (see claim 23 and 30 respectively). Wang further teaches said user's key is a public key (Wang: see for example, Column 23 Line 32 – 40: Wang teaches combining

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the session key / public key / private key mechanism (Wang: Column 23 Line 32 – 40), which further ensures using public or private key to encrypt the session key depends the public / private key owner is the one to submit or receive the session key).

As per claim 25 and 32, Rusnak teaches the claimed invention as described above (see claim 23 and 30 respectively). Wang further teaches said user's key is a private key (Wang: see for example, Column 23 Line 32 – 40: Wang teaches combining the session key / public key / private key mechanism (Wang: Column 23 Line 32 – 40), which further ensures using public or private key to encrypt the session key depends the public / private key owner is the one to submit or receive the session key).

As per claim 26 and 33, Rusnak teaches the claimed invention as described above (see claim 23 and 30 respectively). Wang further teaches said decrypted session key is used to decrypt said document (Wang: see for example, Column 23 Line 32 – 40).

As per claim 27 and 34, Rusnak teaches the claimed invention as described above (see claim 22 and 29 respectively). Wang further teaches said session key is generated at random (Wang: see for example, Column 23 Line 32 – 40).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

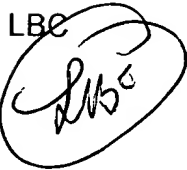
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Longbit Chai whose telephone number is 571-272-3788. The examiner can normally be reached on Monday-Friday 8:00am-4:00pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Longbit Chai
Examiner
Art Unit 2131

LBC



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